序号	物料名称	规格型号	单位	单套用量	位号信息
1	TS120WAmerican standard folding plate shell	TS120W:SM1028-1-22	PCS	1	
2	TS120WAmerican standard folding bottom shell	TS120W:SM1028-1-24	PCS	1	
3	step inside	18.15*6.95*24.5mm	PCS	1	
4	screw	KA1.4*6	PCS	2	
5	screw	KA2.0*6	PCS	4	
6	briquetting	23.6*23.6*5.9	PCS	1	
7	Heat dissipation	YL8081AB	G	15	
8	TS120W Folding left shrapnel	TS120W,T0.3mm	PCS	1	
9	TS120W Folding right shrapnel	TS120W,T0.3mm	PCS	1	
10	insulating trip	38.5*5.6MM*0.1T	PCS	1	与电池隔离
11	bluetooth module	PB120 US	PCS	1	
12	cooling fin	50.88*88.15mm 0.5mm	PCS	1	
13	battery cover	TS50W/120W:SM1028-1-3-1	PCS	1	
14	Battery cover inner plate	TS50W/120PCB:SM1028-1-3-2	PCS	1	
15	Bluetooth key	TS50W/120W,红色,PC:SM1028-1-3-3	PCS	1	
16	battery	CR2032 :3V0.1mA,尺寸:20mm*3.2mm	PCS	1	
17	Mailatia	95.1*55.0 0.4mm	PCS	1	for PCBA
18	Mailatia	120W 45*23.4mm: 0.4mm	PCS	1	
19	Mailatia	120W 28*44mm 0.4mm	PCS	1	
20	thermal resistor	NTC 5D-7 K 5.00mm 2.7-3.2mm	PCS	1	RT1
21	Zinc oxide varistor	10D681K14mm 7.5mm 3.0±0.5mm ： R11-32-00010	PCS	1	RV2
22	Plug-in CBB thin film capacitor	105J/450V MPFC 11*12*6	PCS	2	C1, C2
23	Pin safety capacitance	X2-275VAC-224K P=7.5 10*11*5mm	PCS	2	CX1, CX2
24	Bent foot electrolytic capacitor	82uF/450V ERAD_D13x37W-B	PCS	1	EC1
25	Plug-in solid state capacitor	1000uF 35V ERAD_D10X16	PCS	1	EC6
26	Insert electrolytic capacitor	100uF 50V ERAD_D6.3x12	PCS	1	EC8
27	fuse	SET T5A 250V 5mm 2.7-3.2mm	PCS	1	F1
28	Insert inductance	044125 IND_DM10X6X5A	PCS	1	L1
29	common mode choke	15mH min IND_CM-SQ1212L	PCS	1	LF2
30	common mode choke	100uH min T9*5*3	PCS	1	LF3
31	transformer	PTF_A13-SO280-X6	PCS	1	T1

32	PFC inductor	PTF_L22-PX260_ATQ2516-PFC100W P36A2 TC-132CCA-PFC-V1.0	PCS	1	T2
33	Plug-in solid state capacitor	680uF 35V ERAD_D10X12.5	PCS	1	EC7
34	PCB	FR-4 98.95*55.4*1.2mm 1出4 2OZ 120W4C	PCS	1	
35	Chip capacitor	1206 0.1uF 500V ±10% X7R	PCS	5	C3, C12, C31, C32，C4
36	Chip capacitor	1206 10P 1000V ±10% X7R	PCS	1	C5
37	Chip capacitor	0603 105 50V ±20% X7R	PCS	1	C6
38	Chip capacitor	0603 333 50V ±10% X7R	PCS	1	C7
39	Chip capacitor	0805 105 50V ±20% X7R	PCS	13	C9,C46,C47,C48,C50,C51,C52,C53,C54,C55,C56,C57,C58
40	Chip capacitor	0603 1uF 50V ±10% X7R T=0.85	PCS	4	C10, C15, C27,C30
41	Chip capacitor	0805 10uF 50V ±10% X7R	PCS	5	C11,C25, C26, C37, C38
42	Chip capacitor	0603 10nF 50V ±10% X7R	PCS	1	C13
43	Chip capacitor	0603 68nF 50V ±10% X7R	PCS	1	C14
44	Chip capacitor	0603 101 100V ±10% X7R	PCS	3	C17,C8, C36
45	Chip capacitor	0603 104 50V ±20% X7R	PCS	1	C18
46	Chip capacitor	0603 103 50V ±10% X7R	PCS	1	C19
47	Chip capacitor	1206 10uF 50V ±10% X7R	PCS	1	C20
48	Chip capacitor	1206 1nF 100V ±10% X7R	PCS	1	C21
49	Chip capacitor	0603 4.7pF 50V ±10% NPO T=0.8MM	PCS	3	C22, C23, C24
50	Chip capacitor	0805 2.2uF 50V ±10% X7R	PCS	1	C28
51	Chip capacitor	0603 2.2uF 25V ±10% X7R	PCS	1	C29
52	Chip capacitor	0603 1nF 50V ±10% X7R	PCS	1	C33
53	Chip capacitor	0603 332 50V ±10% X7R	PCS	1	C35
54	Chip capacitor	1210 104 630V ±10% X7R	PCS	2	C39, C40
55	Chip capacitor	0603 471 100V ±20% X7R	PCS	2	C42,C41
56	Chip capacitor	0603 10P 50V ±10% X7R	PCS	1	C43
57	Patch bridge pile	LXR80M 8A/1000V	PCS	2	BD1, BD2
58	Patch y capacitor	222-Y1 AC400V SMT TMY1222M Y5V 7.8mm*5.4mm*2.45mm	PCS	2	CY1 CY2
59	fast recovery diode	S5M 5A 1000V SMBF	PCS	1	D1
60	Patch diode	WSRSIC006065NPD	PCS	1	D2
61	Patch diode	ES1J 1A/600V SOD-123	PCS	1	D4
62	Patch diode	1N4148 SOD-123	PCS	2	D5, D7
63	Patch fast diode	F1M 1A1000V (Trr=500ns) SMD-123	PCS	1	D6
64	Patch diode	A7 SOD-123	PCS	2	DA1, DA2
65	Patch n-channel MOS transistor	AKG15N099GM PDFN5*6	PCS	1	Q1
66	Patch n-channel MOS transistor	N沟道 2N7002 SOT-23 60V	PCS	1	Q2
67	PNP triode	SS8550 SOT-23	PCS	1	Q3

68	Patch triode	MMBT5551 SOT-23	PCS	1	Q5
69	smd resistor	1206 3.6M ±1%	PCS	3	R1, R4, R9
70	smd resistor	1206 1M ±5%	PCS	3	R2, R5, R7
71	smd resistor	1206 2M ±5%	PCS	1	R3
72	smd resistor	1206 5.1M ±1%	PCS	4	RX2, RX3, RX4,RX5
73	smd resistor	0805 150Ω ±1%	PCS	1	R6
74	smd resistor	0603 1Ω ±5%	PCS	1	R8
75	smd resistor	0603 110K ±1%	PCS	2	R10, R50
76	smd resistor	0603 180K ±1%	PCS	2	R11，R20
77	smd resistor	1206 22R ±5%	PCS	1	R12
78	smd resistor	0603 27K ±1%	PCS	1	R13
79	smd resistor	0603 1K ±1%	PCS	3	R14, R21,R36
80	smd resistor	0805 1Ω ±5%	PCS	1	R15
81	smd resistor	0805 18.7±1%	PCS	1	R16
82	smd resistor	0402 20K ±1%	PCS	1	R42
83	smd resistor	0402 40.2K ±1%	PCS	1	R41
84	smd resistor	0402 60.4K ±1%	PCS	1	R40
85	smd resistor	0603 0Ω ±5%	PCS	3	R18, R29，R25
86	smd resistor	0603 2K ±1%	PCS	1	R19
87	smd resistor	0603 4.7K ±5%	PCS	1	R22
88	smd resistor	0805 1.3Ω ±1%	PCS	1	R23
89	smd resistor	0603 10Ω ±5%	PCS	2	R24, R27
90	smd resistor	0603 10K ±1%	PCS	4	R26,R39，R34，R47
91	smd resistor	0603 4.7K ±1%	PCS	1	R28
92	smd resistor	0603 62K ±1%	PCS	1	R31
93	smd resistor	0603 100R 5%	PCS	3	R32,R33,R45
94	smd resistor	0603 24.9K ±1%	PCS	1	R44
95	smd resistor	0603 47K ±1%	PCS	1	R35
96	smd resistor	0603 3.3K ±1%	PCS	1	R37
97	smd resistor	0805 4.7Ω ±1%	PCS	1	R38
98	smd resistor	1206 10K ±5%	PCS	2	R46, RA1
99	smd resistor	0603 300K ±1%	PCS	1	R49
100	All-alloy patch resistance	1206 0.2Ω ±1% 1W	PCS	3	RS1, RS2, RS3
101	All-alloy patch resistance	1206 0.91Ω ±1% 1W	PCS	2	RS4, RS5
102	All-alloy patch resistance	1206 0.82Ω±1% 1W	PCS	1	RS6
103	smd resistor	1206 2K ±5%	PCS	1	RX1
104	Patch inductance	0805 4.7uH ±10%	PCS	1	L2
105	Patch IC	JW7726HSOTB SOT23-6	PCS	1	U1
106	Patch IC	SC3252 ESOP-10W (PD120W)	PCS	1	U2
107	Patch IC	JW1568K PQFN32-6X8	PCS	1	U3
108	Patch optocoupler	CT1019 SOP-4	PCS	2	U4, U5
109	Patch stabilized IC	AZ431-A 2.5-36V	PCS	1	U6
110	Patch IC	JW1556 QFNWB4X4-20	PCS	1	U7
111	Patch magnetic beads	1210 150R ± 25% 5A	PCS	3	FB1, FB3, FB5
112	voltage-regulator diode	18V SOD-523	PCS	1	ZD1

113	Patch diode	1N4148 SOD-523	PCS	1	D3
114	Patch zener diode	24V SOD-523	PCS	1	ZD3
115	smd resistor	1206 5.1K ±5%	PCS	2	RX6 RX7
116	PCB	四层板 FR-4 20*18.2*1.0mm 2OZ 120W4C－1	PCS	16	CON1 CON2 CON3 CON4
117	smd resistor	0402 47R ±1%	PCS	16	R1, R2, R4, R5
118	smd resistor	0402 100R 5%	PCS	4	R3
119	All-alloy patch resistance	1206 3mR 1% 1W	PCS	4	R6
120	smd resistor	0402 0Ω ±5%	PCS	4	R7
121	smd resistor	0603 100K ±1%	PCS	4	R8
122	smd resistor	0402 51K ±1%	PCS	4	R10
123	smd resistor	0402 2K ±5%	PCS	8	R11, R12
124	Chip capacitor	0402 104 50V ±10% X7R	PCS	12	C1, C6, C9
125	Chip capacitor	0402 331 50V ±10% X7R	PCS	8	C3, C5
126	Chip capacitor	0805 10uF 35V X7R 10%	PCS	8	C2, C7
127	Chip capacitor	0603 105 50V ±20% X7R	PCS	4	C8
128	Chip capacitor	0402 222 10V ±10% X7R	PCS	4	C11
129	Chip capacitor	0402 105 25V ±10% X5R	PCS	4	C12
130	Chip capacitor	0402 100PF 16V ±10% X7R	PCS	4	C14
131	Chip capacitor	0402 10uF 10V ±10% X7R	PCS	4	C15
132	Patch diode	1N4148 SOD-323	PCS	4	D1
133	Protocol IC	SW3566H(B) QFN32 4X4	PCS	4	U1
134	Patch MOS tube	SWT40N45 PDFN3.3*3.3	PCS	12	Q1, Q3, Q2
135	USB socket	TYPE-16PIN	PCS	4	CONN1
136	Plug-in solid state capacitor	220uF/35V 105℃	PCS	4	EC7
137	Insert inductance	44125-10UH Φ0.9mm	PCS	4	L1

Bill Of Material For RHTS-FMN-O21CG

Model：RHTS_FMN_O21CG　　Ver：V1.0　　Dte：240328

SN	Material Name	Description	Footprint	Quantity	Designator	Comments
1	Main IC	HS6621CG	QFN48-6X6	1	U3	
2	Sensor IC	MSA311	QFN12-2X2	1	U1	
3	CRYSTAL	32MHz/9pF/10PPM	2016	1	X2	
4	SMD Diode	1N4148/T4/SOT-523	SOT-523	1	D4	
5	SMD Diode	S8050	SOT23	1	Q2	
6	Capacitor	10uF/10V/10%/X7R	0603	4	C1-2 C37-38	
7	Capacitor	100nF/16V/10%/X7R	0402	6	C21 C26-27 C29 C33 C20	
8	Capacitor	10uF/10V/10%/X7R	0402	5	C24 C34-36 C40	
9	Capacitor	2.2uF/10V/10%/X7R	0402	2	C28 C32	
10	Capacitor	4.7uF/10V/10%/X7R	0402	1	C18	
11	Inductor	10uH/10%/0603	0603	1	L2	
12	Resistor	0R/5%/0402	0402	1	L3	
13	Resistor	10K/5%/0402	0402	2	R6-7	
14	Resistor	1K/5%/0402	0402	2	R8 R11	

15	Resistor	10R/5%/0402	0402	1	R12	
16	Buzzer	7525	7525	1	BZ1	
17	Key	3*4*2	SMD	1	K2	
18	Battery Shrapnel	258+	DIP	1	J1	CR2032
19	Battery Shrapnel	258-	DIP	1	J2	